

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A connector comprising:

a housing;

one or more interface passages formed in the housing, each of the interface passages having an outer perimeter, ~~wherein at least one portion of the outer perimeter is spaced in or spaced out from at least one adjacent portion of the outer perimeter,~~
wherein multiple portions of the outer perimeter are spaced in or spaced out from a portion of the outer perimeter adjacent each of the multiple portions;

one or more mating interfaces adjacent the one or more interface passages, wherein each of the mating interfaces has an outer perimeter which has substantially the same shape as the outer perimeter of the adjacent one of the interface passages;

one or more connector passages formed in the housing, each of the connector passages is connected to one of the interface passages; and

an electrical contact is seated in each of the one or more interface passages, is spaced from an opening to each of the interface passages, and extends in to the connector passage, wherein the electrical contact is spaced in from an opening to the interface passage at a distance to prevent accidentally an electrical connection between the electrical contact and a conductor at the opening to the interface passage.

2. (Cancelled).

3. (Currently Amended) The connector as set forth in claim 1 further comprising ~~a pair~~ at least two of the interface passages.

4. (Currently Amended) The connector as set forth in claim 3 wherein the outer perimeters of the ~~pair~~ at least two of the interface passages are substantially mirror images of each other.

5. (Currently Amended) The connector as set forth in claim 4 wherein an intermediary passage connects the ~~pair~~ at least two of the interface passages.

6. (Currently Amended) The connector as set forth in claim 3 wherein the outer perimeters of the pair at least two of the interface passages are different each other.

7. (Currently Amended) The connector as set forth in claim 6 wherein an intermediary passage connects the pair at least two of the interface passages.

8. (Currently Amended) The connector as set forth in claim 3 wherein the outer perimeters of the pair at least two of the interface passages are substantially identical to each other.

9. (Original) The connector as set forth in claim 1 wherein each of the interface passages is sized to create a finger proof barrier.

10. (Cancelled)

11. (Currently Amended) The connector as set forth in claim 1 wherein a portion of the interface passage spaced in from an opening to the interface passage has a keying configuration which differs from a keying configuration of the interface passage at the opening, wherein the interface passage is continuous.

12. (Currently Amended) A method for making a connector system, the method comprising:

forming one or more interface passages in a housing, each of the interface passages having an outer perimeter, ~~wherein at least one portion of the outer perimeter is spaced in or spaced out from at least one adjacent portion of the outer perimeter,~~ wherein multiple portions of the outer perimeter are spaced in or spaced out from a portion of the outer perimeter adjacent each of the multiple portions;

forming one or more mating interfaces adjacent the one or more interface passages, wherein each of the mating interfaces has an outer perimeter which has substantially the same shape as the outer perimeter of the adjacent one of the interface passages;

forming one or more connector passages in the housing, each of the connector passages is connected to one of the interface passages; and

providing an electrical contact in each of the one or more interface passages, the electrical contact is spaced from an opening to each of the interface passages

and extends in to the connector passage, wherein the electrical contact is spaced in from an opening to the interface passage at a distance to prevent accidentally an electrical connection between the electrical contact and a conductor at the opening to the interface passage.

13. (Cancelled).

14. (Currently Amended) The method as set forth in claim 12 wherein forming one or more interface passages further comprising forming a ~~pair~~ at least two of the interface passages.

15. (Currently Amended) The method as set forth in claim 14 wherein the outer perimeters of the ~~pair~~ at least two of the interface passages are substantially mirror images of each other.

16. (Currently Amended) The method as set forth in claim 15 wherein an intermediary passage connects the ~~pair~~ at least two of the interface passages.

17. (Currently Amended) The method as set forth in claim 14 wherein the outer perimeters of the ~~pair~~ at least two of the interface passages are different each other.

18. (Currently Amended) The method as set forth in claim 17 wherein an intermediary passage connects the ~~pair~~ at least two of the interface passages.

19. (Currently Amended) The method as set forth in claim 14 wherein the outer perimeters of the ~~pair~~ at least two of the interface passages are substantially identical to each other.

20. (Original) The method as set forth in claim 12 wherein each of the interface passages is sized to create a finger proof barrier.

21. (Canceled)

22. (Currently Amended) The method as set forth in claim 12 wherein forming one or more interface passages further comprises forming a portion of the interface passage spaced in from an opening to the interface passage to have a keying configuration

which differs from a keying configuration of the interface passage at the opening, wherein the interface passage is continuous.

23. (Previously Presented) The connector as set forth in claim 11 wherein at least one portion of an outer perimeter of the first configuration is spaced in or spaced out from at least one adjacent portion of the outer perimeter of the first configuration for the portion of the interface passage.

24. (Previously Presented) The method as set forth in claim 21 wherein at least one portion of an outer perimeter of the first configuration is spaced in or spaced out from at least one adjacent portion of the outer perimeter of the first configuration for the portion of the interface passage.

25. (New) The connector as set forth in claim 3 wherein a portion of each of the at least two interface passages spaced in from an opening to each of the interface passages has a keying configuration which differs from a keying configuration of each of the interface passages at the opening, wherein each of the interface passage is continuous.

26. (New) The method as set forth in claim 3 wherein a portion of each of the at least two interface passages spaced in from an opening to each of the interface passages has a keying configuration which differs from a keying configuration of each of the interface passages at the opening, wherein each of the interface passage is continuous.